#### DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

ATTORNEY DOCKET NO. 200316184-1

As a below named inventor, I hereby declare that:

My residence/post office address and citizenship are as stated below next to my name;

I believe I am the original first and sole inventor (if only

joint inventor (if plural names patent is sought on the inven- SYSTEM AND METHOD FOR	s are listed below) of th tion entitled:	e subject matter wi	d below) or an original, first and hich is claimed and for which a F <b>TERNS</b>
the specification of which is a	attached hereto unless th	ne following box is o	hecked:
( ) was filed on Number	as US Appli	_	ternational Application
I hereby state that I have re	viewed and understood	the contents of the	e above-identified specification,
Foreign Application(s) and/or Claim of			
I hereby claim foreign priority benefit inventor(s) certificate listed below are a filing date before that of the applica-	id have also identified below a	ny foreign application fo	any foreign application(s) for patent or r patent or r patent or inventor(s) certificate having
COUNTRY	APPLICATION NUMBER	DATE FILED	PRIORITY CLAIMED UNDER 35 U.S.C. 119
			YES: NO:
			YES: NO:
Provisional Application I hereby claim the benefit under Title below:	e 35. United States Code Sec	tion 119(e) of any United	d States provisional application(s) listed
	APPLICATION NUMBER	FILING DATE	
·			
U. S. Priority Claim	·		
manner provided by the first paragra information as defined in Title 37, Co application and the national or PCT in	ph of Title 35, United States de of Federal Regulations, Sectemational filing date of this appropriate the control of the sected section of the section of t	Code Section 112, I ack tion 1.56(a) which occur oplication:	e prior United States application in the nowledge the duty to disclose material red between the filing date of the prior
APPLICATION NUMBER	FILING DATE	STATUS (	patented/pending/abandoned)
POWER OF A TROPIES		·	
POWER OF ATTORNEY: As a named inventor, I hereby appoint business in the Patent and Trademark	oint the following attorney(s) Office connected therewith:	and/or agent(s) to pros	ecute this application and transact all
Customer Number	022879	Place Customer Number Bar Code Label here	
Send Correspondence to: HEWLETT-PACKARD COMPANY		Direct Telephor	ne Calls To:
Intellectual Property Administration P.O. Box 272400	n ,	Howard Boyle	
Fort Collins, Colorado 80527-240		(281) 518-964	5
with the knowledge that wi	llet are believed to be ti Ilful false statements a Section 1001 of Title 1	rue; and further tha ind the like so ma 8 of the United Sta	are true and that all statements these statements were made de are punishable by fine or tes Code and that such willful at issued thereon.
Full Name of Inventor: Ming C. Ha	0	Citizenship: U.	S.A
	Abode Road, Palo Alto,		
Post Office Address: SAME AS	ABOVE		
Inventor's Signature	18-0	3/10/04	

## DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION (continued)

Full Name of joint inventor:	Umeshwar Dayal		Citizenship: India
Residence:	12561 Radoyka Drive, Saratoga	, CA 9507	
Post Office Address:	SAME AS ABOVE		
Umsber	Day	1//	Manh 2004
Inventor's Signature	4	Date	
Full Name of joint inventor:	Fabio Casati		Citizenship: Italy
Residence:	584 Channing Ave., Palo Alto, 0	CA 94301	
Post Office Address:	SAME AS ABOVE		
Inventor's Signature		Date	
	•		
Full Name of joint inventor:	Danieł A. Keim	<del></del>	Citizenshtp: Germany
Residence:	Haouptstr 8, 78256, Steisslinge	n, German	у
Post Office Address:	SAME AS ABOVE		
Inventor's Signature			
	•	Date	
Coll Man			
Full Name of joint inventor:	Eric Stammers		Citizenship: U.S.A.
Residence:	8 Chantry Cottages, Chilworth,	Guildford,	Surrey, GU4 BLT, UK
Post Office Address:	SAME AS ABOVE	<del> </del>	
Inventor's Signature	· · · · · · · · · · · · · · · · · · ·	Date	
		Date	
Full Name of joint inventor:			
			Citizenship:
Residence:		····	
Post Office Address:			
Inventor's Signature		Date	
Full Name of joint inventor:			Chinanatia
Residence:		<del></del>	Citizenship:
Post Office Address:		·	
dat office Address.			·
nventor's Signature		Date	
	•		
Full Name of joint inventor:	•	-	Citizenship:
Residence:			
Post Office Address:			
nventor's Signature		Date	

DECLARATION	AND	POWER	OF A	TTOR	NEY
FOR PATENT A	PPLIC	ATION			

ATTORNEY	DOCKET	NO.	200316	184-1

As a below named inventor, I hereby declare that:

My residence/post offic	e addre	ess and citizenship are	as stated below next	to my name;	
I believe I am the origin joint inventor (if plural patent is sought on the	names	and sole inventor (if or are listed below) of the ion entitled:	nly one name is listed ne subject matter wh	d below) or an o ich is claimed a	riginal, first and and for which a
SYSTEM AND METHOL	FOR V	ISUAL RECOGNITION	OF PATHS AND PAT	TERNS	
the specification of wh	ich is a	ttached hereto unless t	he following box is cl	hecked:	<del></del>
( ) was filed on		as US Appli			
Number		and was amend	led on	(if applicab	le).
including the claims, a	s amen	viewed and understood ided by any amendmer is material to patentabil	nt(s) referred to abov	ve. Lacknowle:	d specification, dge the duty to
Foreign Application(s) and/or					
inventor(s) certificate listed i	pelow and	s under Title 35, United Sta d have also identified below tion on which priority is clair	any foreign application for	any foreign applicat patent or inventor(	ion(s) for patent or s) certificate having
. COUNTRY		APPLICATION NUMBER	DATE FILED	PRIORITY CLAIMED	UNDER 35 U.S.C. 119
				YES:	NO:
				YES:	NO:
Provisional Application I hereby claim the benefit up below:	nder Title	35, United States Code Sec	ction 119(e) of any United	d States provisional	application(s) listed
•		APPLICATION NUMBER	FIUNG DATE	<u> </u>	
U. S. Priority Claim		·			
manner provided by the first information as defined in Title	paragraj e 37, Co	of the claims of this applica oh of Title 35, United States de of Federal Regulations, Se ternational filing date of this a	Code Section 112, I ackinction 1.56(a) which occur	nowledge the duty	to disclose material
APPLICATION NUMBER	·	FILING DATE	STATUS (	patented/pending/abandon	ed)
					•
<u> </u>				•	<u>:</u>
		oint the following attorney(s Office connected therewith:	) and/or agent(s) to prose	ecute this application	on and transact all
Customer	Number	022879	Place Customer Number Bar Code Label here		•
Send Correspondence to HEWLETT-PACKARD CO			Direct Telephor	ne Calls To:	
Intellectual Property Adm		n	Howard Boyle	:	
P.O. Box 272400 Fort Collins, Colorado 80	527-240	10	·(281) 518-964	.5	
made on information a with the knowledge t imprisonment, or both,	ınd be hat wi under	ments made herein of r lief are believed to be llful false statements Section 1001 of Title ze the validity of the ap	true, and further tha and the like so ma 18 of the United Sta	it these stateme ide are punisha ites Code and t	ents were made able by fine or hat such willful
Full Name of Inventor: Min	<u>q С. Н</u> а	10	Citizenship: U.	S.A	
	-	Abode Road, Palo Alto	CA 94306		
Post Office Address: SA	MEAS	ABOVE			
	•			•	

(Use Page Two For Additional Inventor(s) Signature(s))

inventor's Signature

Rev 10/03 (DecPwr)

### DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION (continued)

Full Name of joint inventor:	Umeshwar Dayal	Citizenship: India
Residence:	12561 Radoyka Drive, Saratoga, C	A 95070
Post Office Address:	SAME AS ABOVE	
Inventor's Signature		Date Control of the C
Full Name of joint inventor:	Fabio Casati	Citizenship: Italy
Residence:	584 Channing Ave., Palo Alto, CA	94301
Post Office Address:	SAME AS ABOVE	
Folia Car		3/10/04
Inventor's Signature		Date /
Full Name of joint inventor:	Daniel A. Keim	Citizenship: Germany
Residence:	Haouptstr 8, 78256, Steisslingen,	Germany
Post Office Address:	SAME AS ABOVE	
Inventor's Signature		
myentor's Signature		Date
Full Name of joint inventor:	Eric Stammers	Citizenship: U.S.A.
Residence:	8 Chantry Cottages, Chilworth, Gu	illdford, Surrey, GU4 BLT, UK
Post Office Address:	SAME AS ABOVE	
Inventor's Signature		Date
Full Name of joint inventor:		Citizenship:
Residence:		
Post Office Address:		
Inventor's Signature		
mventor s signature		Date
Full Name of joint inventor:		Citizenship:
Residence:		
Post Office Address:		
Inventor's Signature		Date :
Full Name of joint inventor:		Citizenship:
Residence:		
Post Office Address:		
Inventor's Signature		Dàta

DECLARATION	I AND	POWER	OF	ATTC	DRNEY
FOR PATENT	APPLIC	CATION			

ATTORNEY DOCKET NO. 200316184-1

As a below named inventor,	I hereby	declare that
----------------------------	----------	--------------

, 10 0 00,011 11211100 1111		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
My residence/post off	ice addre	ess and citizenship are a	as stated, below next	to my name;
joint inventor (if plura patent is sought on th	l names e inventi	are listed below) of thon entitled:	e subject matter wh	d below) or an original, first and ich is claimed and for which a
SYSTEM AND METHO	D FOR V	ISUAL RECOGNITION	OF PATHS AND PAT	I ERNS
the specification of w	hich is a	ttached hereto unless th	ne following box is c	necked:
•		as US Appli	•	
Number			ed on	
including the claims,	as amen	riewed and understood ded by any amendmen is material to patentabil	it(s) referred to above	e above-identified specification, ve. I acknowledge the duty to CFR 1.56.
inventor(s) certificate listed	ity benefit below and	s under Title 35, United Stat	any foreign application for	any foreign application(s) for patent or patent or patent or inventor(s) certificate having
. COUNTRY		APPLICATION NUMBER	DATE FILED	PRIORITY CLAIMED UNDER 35 U.S.C. 119
				YES: NO:
			•	YES: NO:
Provisional Application		· · · · · · · · · · · · · · · · · · ·		
I hereby claim the benefit is below:	under Title	35, United States Code Sec	tion 119(e) of any United	States provisional application(s) listed
		APPLICATION NUMBER	ALING DATE	
	ļ			<b>-</b>   ·
	ļ · — · · ·			
U. S. Priority Claim	L	·_	<del></del>	
manner provided by the first information as defined in Til	st paragrap tle 37, Co	oh of Title 35, United States	Code Section 112, Lacks	e prior United States application in the nowledge the duty to disclose material red between the filing date of the prior
APPLICATION NUMBER	۹ .	FILING DATE	· STATUS (F	patented/pending/abandoned)
·				
			<u> </u>	
POWER OF ATTORNEY: As a named inventor, I he business in the Patent and T	reby appo rademark	int the following attorney(s) Office connected therewith:	and/or agent(s) to prose	ecute this application and transact all
Customer	Number	022879	Place Customer Number Bar Code Label here	] .
Send Correspondence to HEWLETT-PACKARD CO			Direct Telephor	ne Calls To:
Intellectual Property Adr		1	Howard Boyle	·
P.O. Box 272400 Fort Collins, Colorado 8		•	(281) 518-964	5
. or comis, constato a				
made on information; with the knowledge imprisonment, or both	and bel that wii , under	ief are believed to be t Iful false statements :	rue; and further that and the like so ma 18 of the United Sta	tre true and that all statements to these statements were made de are punishable by fine or tes Code and that such willful it issued thereon.
Full Name of Inventor: Min	ng C. Ha	0	Citizenship: U.S	S.A
_		Abode Road, Palo Alto,		
Post Office Address: S	AMEAS	ABOVE		
				•

Rev 10/03 (DecPwr)

inventor's Signature

(Use Page Two For Additional Inventor(s) Signature(s))

Page 1 of 2

# DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION (continued)

Name of joint inventor:	Umeshwar Dayal	Citizenship: India
( ( ( anima or ) - mark	12561 Radoyka Drive, Sara	itoga, CA 95070
sidence:	SAME AS ABOVE	
st Office Address:	•	
ventor's Signature	· · · · · · · · · · · · · · · · · · ·	Date
ill Name of joint inventor:	Fabio Casati	Citizenship: Italy
	584 Channing Ave., Palo A	Alto, CA 94301
esidence:	SAME AS ABOVE	· · · · · · · · · · · · · · · · · · ·
ost Office Address:		
nventor's Signature		Date
Metitor a digitation		
		Citizenship: Germany
full Name of joint inventor:	Daniel A. Keim	
Residence;	Haguptstr 8, 78256, Steis	Singen, Germany
Post Office Address:	SAME AS ABOVE	
hillitt		Mard 16, 2004
Inventor Signature		Date
		•
	File Stommore	Citizenship: U.S.A.
Full Name of joint inventor.	Eric Stammers	worth, Guildford, Surrey, GU4 BLT, UK
Residence:		Worth, Calleton,
Post Office Address:	SAME AS ABOVE	
Post Office Management		
Inventor's Signature		Date
•		
		Citizenship:
Full Name of joint inventor:	•	
Residence:		
Residence: Post Office Address:		
		Date
		Date
Post Office Address:		
Post Office Address:		Date Citizenship:
Post Office Address: Inventor's Signature Full Name of Joint Inventor	7	
Post Office Address:		
Post Office Address: Inventor's Signature Full Name of Joint Inventor	=	
Post Office Address: Inventor's Signature  Full Name of Joint Inventor Residence: Post Office Address:	-	
Post Office Address: Inventor's Signature Full Name of Joint Inventor Residence:		Citizenship:
Post Office Address:  Inventor's Signature  Full Name of joint inventor  Residence:  Post Office Address:		Citizenship:
Post Office Address: Inventor's Signature  Full Name of Joint Inventor Residence: Post Office Address: Inventor's Signature		Citizenship:
Post Office Address: Inventor's Signature  Full Name of joint inventor Residence: Post Office Address: Inventor's Signature  Full Name of joint inventor		Citizenship:
Post Office Address: Inventor's Signature  Full Name of Joint Inventor Residence: Post Office Address: Inventor's Signature  Full Name of joint inventor Residence:		Citizenship:
Post Office Address: Inventor's Signature  Full Name of Joint Inventor Residence: Post Office Address: Inventor's Signature  Full Name of joint inventor		Citizenship:

## DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

ATTORNEY DOCKET NO. 200316184-1

As a below named inventor, I hereby declare that:

My residence/post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

the specification of which	is attached hereto unless t	he following box is c	hecked:	
•	as US Appli	-		cation
Number	_			
including the claims, as a	e reviewed and understood mended by any amendmer lich is material to patentabil	nt(s) referred to abov	ve. I acknowled	ed specification, dge the duty to
inventor(s) certificate listed below	Im of Foreign Priority enefits under Title 35, United Sta w and have also identified below oplication on which priority is claim	any foreign application for		
COUNTRY	APPLICATION NUMBER	DATE FILED	PRIORITY CLAIMED	UNDER 35 U.S.C. 119
			YES:	NO:
			YES:	NO:
Provisional Application I hereby claim the benefit under below:	Title 35, United States Code Sec	· · · · · · · · · · · · · · · · · · ·	d States provisional	application(s) listed
· .	APPLICATION NUMBER	AUNG DATE	·	
<u> </u>				
U. S. Priority Claim		<u>                                     </u>		
APPLICATION NUMBER	CT international filing date of this	<u>r</u>	patented/pending/abandon	ed)
				·
		<u> </u>	·	
	appoint the following attorney(s mark Office connected therewith:	) and/or agent(s) to pros	ecute this application	on and transact all
Customer Nur	nber 022879	Number Bar Code Label here	· .	
Send Correspondence to: HEWLETT-PACKARD COMPA	NY	Direct Telepho	ne Calls To:	
Intellectual Property Administ		Howard Boyle		
P.O. Box 272400 Fort Collins, Colorado 80527	7-2400	(281) 518-964	15	
made on information and with the knowledge that imprisonment, or both, un	tatements made herein of a belief are believed to be willful false statements ader Section 1001 of Title	true; and further that and the like so ma 18 of the United Sta	at these stateme ade are punisha ates Code and t	ents were made able by fine or hat such willful
	ardize the validity of the ap	·	•	•
false statements may jeop  Full Name of Inventor: Ming C	ardize the validity of the ap	Citizenship: U.	S.A	
Full Name of Inventor. Ming C	ardize the validity of the ap	Citizenship: U.	S.A	
Full Name of Inventor: Ming C Residence: 4150	ardize the validity of the ap	Citizenship: U.	S.A.	

(Use Page Two For Additional Inventor(s) Signature(s))

Rev 10/03 (DecPwr)

## DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION (comfinued)

Full Name of joint inventor:	Umeshwar Dayal	Citiz	enship: India
Residence:	12561 Radoyka Drive, Sarato	ga, CA 95070	
Post Office Address:	SAME AS ABOVE		
, bot office Addition		•	
Inventor's Signature		Date	
Full Name of joint inventor:	Fabio Casati	Citi	zenship: Italy
Residence:	584 Channing Ave., Palo Alt	o, CA 94301	
Post Office Address:	SAME AS ABOVE		
Inventor's Signature		Date	
Full Name of joint inventor:	Daniel A. Keim	Chi	zenship: Germany
Residence:	Haouptstr 8, 78256, Steissli	ngen, Germany	· · · · · · · · · · · · · · · · · · ·
Post Office Address:	SAME AS ABOVE		
		<u></u>	
Inventor's Signature		Date	
Full Name of joint inventor:	Eric Stammers		zenship: <del>U.S.A</del> U.K
Residence:	8 Chantry Cottages, Chilwor	th, Guildford, Sur	rey, GU4 BLT, UK
Post Office Address:	SAME AS ABOVE		
C)8	<u> </u>	27.	3-04
Inventor's Signature		Date	(
Full Name of joint inventor:		Cit	zenship:
Residence:			
Post Office Address:			
Inventor's Signature		Date	
interior of organization		Date	
		C 10	in a mala in a
Full Name of joint inventor:			izenship:
Residence:			
Post Office Address:		•	
Inventor's Signature		Date	
		CH	izenship:
Full Name of joint inventor:			
Residence:		<u> </u>	
Post Office Address:			
Inventor's Signature		Date	